

LPR Upper 9-Mile Interim Action Baseline Monitoring

- Goals of Baseline Monitoring (EPA, CPG)
- Proposed elements of Baseline Monitoring (CPG)
- Coordination with completion of IA FS (EPA)
- Next steps (all)

Baseline Monitoring Objectives

- Establish pre-remedy conditions for comparison with post-remedy conditions
- Identify and characterize temporal trends and ongoing recovery
- Characterize variability
- Fill data gaps/refine ST, CFT, and FWM models
- Support adaptive management

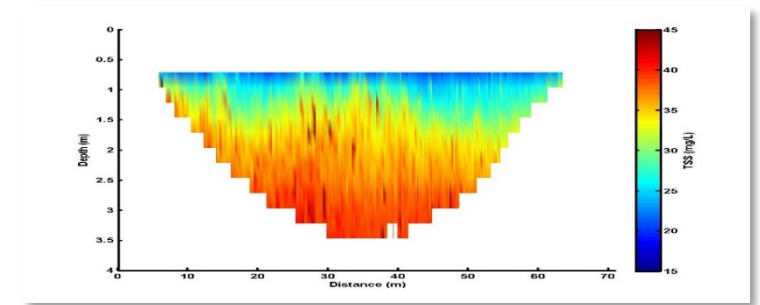
Potential Elements of Baseline Monitoring

- Bathymetry – discussed 9/6 EPA-CPG Teleconference
- Water Column
 - Within the upper 9 miles
 - Exchange with the lower 8 miles
 - Over Dundee Dam
- Biota
- Sediments (part of PDI)

Baseline Monitoring – Water Column

- Objectives

- Characterization of solids and COC fluxes:
 - Between upper and lower LPR
 - Within the upper 9 miles
 - From above Dundee Dam
- Provide baseline to refine CSM, specifically IA performance metric based on water column solids concentrations
- Assess temporal COPC trends since 2011/2013
- Characterize temporal variability
- Evaluate potential for upriver recontamination
- Develop dataset for calibrating the refined ST/CFT models



Baseline Monitoring – Biota

- Objectives:
 - Characterize current chemical concentrations in fish and crab
 - Understand potential for biota recovery
 - Initiate trend analysis in biota over time

Baseline Monitoring

- Coordination with IA FS Meetings
- Next steps